

Title (en)  
A METHOD FOR CONTROLLING A VAPOUR COMPRESSION SYSTEM

Title (de)  
VERFAHREN ZUR STEUERUNG EINES DAMPFKOMPRESSIIONSSYSTEMS

Title (fr)  
PROCÉDÉ PERMETTANT DE COMMANDER UN SYSTÈME DE COMPRESSION DE VAPEUR

Publication  
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Application  
**EP 08758223 A 20080611**

Priority  
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Abstract (en)  
[origin: WO2008151630A1] A method for controlling a vapour compression system, such as a refrigeration system, preferably an air condition system, comprising at least two evaporators. While monitoring a superheat (SH) at a common outlet for the evaporators, the amount of available refrigerant is controlled in response to the SH and in order to obtain an optimum SH value. The available refrigerant is distributed among the evaporators in accordance with a distribution key. The distribution key is preferably obtained while taking individual consideration to operating conditions for each of the evaporators into account. Thereby the vapour compression system can be operated in such a way that each of the evaporators is operated in an optimal manner, and in such a way that the system in general is operated in an optimal manner.

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